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INSPEC sub-file



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Result # 1 Relevance: ○○○○○○

Wavelength stabilizing laser mirror

12-Sep-2000

IPCOM000001551D

English

A high performance wavelength stabilizing laser mirror/output coupler, particularly use stabilizing a laser cavity within a narrow bandwidth, is described, which comprises a selected material on which is deposited an optical coating having a refractive ...

Result # 2 Relevance: ○○○○○○

Nonlinear optical apparatus using optical fibers

12-Sep-2000

IPCOM000000664D

English

A nonlinear second order signal processing apparatus having a number of high quality that are embedded in a nonlinear optical material in such a way that their cores are in contact with one another and the nonlinear medium.

Result # 3 Relevance: ○○○○○○

TRANSVERSE MODE FILTERING

1979-06-30

IPCOM000024007D

English

One manner of providing transverse mode control in a double heterostructure (DH) diode change the composition of one or more layers of the structure along the plane of the p changing the layer composition, a lateral refractive index profile is, in ...

Result # 4 Relevance: ○○○○○○

High Power Laser Diode with Self Adjusted Thermal Lateral Mode Cor

1992-10-01

IPCOM000110122D

English

This article describes a solution to the lateral mode control problem of high power laser using a special laser design which automatically corrects refractive index profile change temperature gradients occurring at high output power levels.

Result # 5 Relevance: ○○○○○○

Optical Fibers With Graded Refractive Index

1979-02-01

IPCOM000066340D

English

A process for forming optical fibers with a graded refractive index profile includes the steps of applying a series of different monomolecular layers of different organic materials onto transparent fibers. The substrate has one refractive index and each ...

Result # 6 Relevance: ○○○○○○

INTEGRATED PRISM INPUT COUPLER

1979-06-30

IPCOM000024011D

English

Coupler 10 has utility as an electro-optic modulator and waveguide. The layered structure similar to the leaky wave diode laser of U.S. Patent 4,063,189. Layer 1 is composed of substrate, confining layer 2 is a thin layer of Ga_{1-x}Al_xAs, layer 3 is a ...

Result # 7 Relevance: ○○○○○○

Optical glass fibers, apparatus and preparation using reactive vapor and deposition

12-Sep-2000

IPCOM000001731D

English

A new method for preparing low loss multimode and monomode glass optical fibers wh casting or pouring the core and clad melts is disclosed. The new technique is based on transport approach which avoids contamination from absorbing impurities and ...

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Search query: refractive index profile

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de Vega, Hector J	any single or multi-part last name preceding the comma
"68.65.+g"	exactly the quoted string.
((symmetry or quantum) and electro*)	the specified Boolean combination.
If you're looking for . . .	Enter:
names or terms containing accented characters like "Schrödinger" or "Houzé" . . .	the names or terms using the unaccented version of the character, i.e., "Schrodinger" or "Houze." (Do not cut and paste accented characters directly from HTML or your computer's character mapping tool.)

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	900	385/124.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 09:32
L2	35	(US-20020012510-\$ or US-20020015569-\$ or US-20020028051-\$ or US-20030021561-\$ or US-20030021563-\$ or US-20030059186-\$ or US-20030063875-\$ or US-20030063881-\$ or US-20030091309-\$ or US-20030142941-\$ or US-20030147612-\$ or US-20030210876-\$ or US-20040052486-\$ or US-20040213513-\$ or US-20040218881-\$ or US-20050013571-\$).did. or (US-5448674-\$ or US-5659649-\$ or US-5809196-\$ or US-6031956-\$ or US-6317552-\$ or US-6343176-\$ or US-6360045-\$ or US-6418256-\$ or US-6445864-\$ or US-6453102-\$ or US-6546178-\$ or US-6731848-\$ or US-6801699-\$).did. or (EP-598554-\$ or WO-2069005-\$). did. or (WO-200159496-\$ or WO-200269005-\$ or WO-2003005083-\$ or US-20030063881-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/08/02 08:53
L3	2	((("6810185") or ("6711333"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/08/02 08:53
L4	2	((("20020012510") or ("20030174981"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/08/02 08:53

L5	15	US-4715679-\$.DID. OR US-4877304-\$.DID. OR US-5361319-\$.DID. OR US-5483612-\$.DID. OR US-5684909-\$.DID. OR US-5781684-\$.DID. OR US-5835655-\$.DID. OR US-5999679-\$.DID. OR US-6031956-\$.DID. OR US-6134367-\$.DID. OR US-6317552-\$.DID. OR US-6424778-\$.DID. OR US-6430346-\$.DID. OR US-6430347-\$.DID. OR US-6445864-\$.DID.	USPAT	OR	OFF	2005/08/02 08:53
L6	3	((("20030021563") or ("20030147612") or ("20020012510"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/08/02 08:53
L7	845	(dispersion with compensat\$4 with (fiber\$1 or fibre\$1)) and (refractive with index with profile\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/02 08:53
L8	768	L1 not (L7 L2 L3 L4 L5 L6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 09:33
L9	4876	385/123,125,126,127,128.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 09:32
L10	1150	L9 and (((refractive or refraction) near2 index near2 profile) or (index adj profile))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 09:33
L11	4086	L9 not (L7 L2 L3 L4 L5 L6 L8)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 09:33

L12	34	L11 and ((negative adj dispersion) with ("1550" or "1.55"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 09:34
L15	54	((dispersion near2 compensat\$4 near2 (fiber or waveguide)) and (index with profile)).clm.	US-PGPUB	OR	ON	2005/08/02 09:50
S1	2	((("6810185") or ("6711333")).PN.	US-PGPUB; USPAT	OR	OFF	2005/01/26 17:04
S2	2	((("20020012510") or ("20030174981")).PN.	US-PGPUB; USPAT	OR	OFF	2005/01/26 17:38
S4	15	US-4715679-\$.DID. OR US-4877304-\$.DID. OR US-5361319-\$.DID. OR US-5483612-\$.DID. OR US-5684909-\$.DID. OR US-5781684-\$.DID. OR US-5835655-\$.DID. OR US-5999679-\$.DID. OR US-6031956-\$.DID. OR US-6134367-\$.DID. OR US-6317552-\$.DID. OR US-6424778-\$.DID. OR US-6430346-\$.DID. OR US-6430347-\$.DID. OR US-6445864-\$.DID.	USPAT	OR	OFF	2005/01/26 17:05
S5	49	("4715679" "4770492" "4852968" "5363463").PN. OR ("5684909").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/26 17:30
S6	0	((("2003021563") or ("2003147612") or ("2002012510")).PN.	US-PGPUB; USPAT	OR	OFF	2005/01/26 17:38
S7	3	((("20030021563") or ("20030147612") or ("20020012510")).PN.	US-PGPUB; USPAT	OR	OFF	2005/01/26 17:38
S8	1938	(dispersion with compensat\$4 with (fiber\$1 or fibre\$1)) and (refractive with index)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/27 08:24
S9	755	(dispersion with compensat\$4 with (fiber\$1 or fibre\$1)) and (refractive with index with profile\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/27 08:24

S10	0	"WO" near2 "0171391"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/27 08:31
S11	0	"WO" near2 "01&71391"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/27 08:31
S12	4	"WO" near2 "01/71391"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/27 08:31
S13	0	("2005/0013571").URPN.	USPAT	OR	OFF	2005/01/27 09:56